

**NOTES**

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4. NO FLOODING INDICATED ON RUNS WHICH ARE TO BE REMOVED DURING REDEVELOPMENT.

The proposed drainage design has been carried out in compliance with the philosophy of the approved Flood Risk Assessment and designed to prevent uncontrolled flooding for storms up to and including a 1 in 100 year event plus an allowance of 30% for climate change. Individual parcels discharging into the eastern tributary additional have a 10% betterment on existing peak discharge rates. The Environment Agency has confirmed that existing drainage serving the areas for retention and refurbishment do not require attenuation of existing surface water flows.

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
0	LATEST PARCEL LAYOUTS, DRAINAGE AND RESIDUAL FLOODING SHOWN, TABLE ADDED	AT	JF	08.07.15
1	FLOOD ROUTING ANALYSIS ADDED	AT	JF	04.11.14
2	FLOOD POSITIONS REVISED TO SUIT CENTRAL DIVISION DRAINAGE DESIGN	CG	AT	27.06.14
3		AT	JF	27.05.14

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DETAILS: RESIDUAL FLOODING  
SCALE: 1:2000 @ A1  
DATE: MARCH 2014  
DRAWN: AT  
CHK: JF

PROJECT: HEYFORD  
Please consider the environment before printing this drawing.

HEYF/5/148 D



Network	Pre development Flood Vol (m3)	Post development Flood Vol (m3)	Reduction in Flood Vol
Trenchard	549	235	57%
East	1399	1668	60%
Central	1536	1437	6%
West	Unavailable	161	Unavailable

**Key**

- Proposed surface water drainage diversion and primary enabling works
- Existing surface water drainage
- Flooding between 1m cu and 10m cu during a 1 in 100yr storm event plus 30% allowance for climate change
- Flooding between 10m cu and 50m cu during a 1 in 100yr storm event plus 30% allowance for climate change
- Flooding between 50m cu and 100m cu during a 1 in 100yr storm event plus 30% allowance for climate change
- Flooding above 100m cu during a 1 in 100yr storm event plus 30% allowance for climate change
- Flood route arrows shown where flood water is greater than 5m cu and therefore is unlikely to be stored within the road network before re-entering the underground system